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RESPONSE

PATENT

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Robert G. Korneluk et al.

Art Unit: 1635

Serial No.: 09/974,592

Examiner: Janet L. Epps

Filed: October 9, 2001

Customer No.: 21559

Title: DETECTION AND MODULATION OF IAPS AND NAIP FOR THE  
DIAGNOSIS AND TREATMENT OF PROLIFERATIVE DISEASE

Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

REPLY TO OFFICE ACTION

In reply to the Office Action, mailed November 20, 2002, Applicants submit the following remarks.

REMARKS

Summary of Invention

The invention features a method of inducing apoptosis in a cell in a mammal diagnosed as having a proliferative disease and a method of treating a patient diagnosed as having a proliferative disease. The method involves administering to a patient nucleic acids complementary to a portion of XIAP (SEQ ID NO:3) that inhibit the biological activity of an inhibitor of apoptosis.